

Joint Service Pollution Prevention Technical Library

Mr. Larry Hill

Naval Facilities Engineering Service Center

E-mail: LHILL@NFESC.NAVY.MIL

At a time when Department of Defense (DoD) agencies are faced with increasingly scarce resources and must accomplish their missions despite reduced funding; partnership and information sharing among the joint services is vitally important. Recently, the Defense Logistic Agency (DLA) and Headquarters Marine Corps (HQMC) have joined with the Army Environmental Center (AEC), the Air Force Center for Environmental Excellence (AFCEE), and the Naval Facilities Engineering Service Center (NFESC) to coordinate a project of mutual interest -- the development of a comprehensive information resource of pollution prevention (P2) technologies used within the joint services and private industry. The services have joined efforts to produce a valuable P2 reference document that will benefit each of the services equally. The result of this partnering effort is the **Joint Service Pollution Prevention Technical Library**.

The Joint Service P2 Technical Library is a single comprehensive resource for information on equipment, technologies, and management practices which reduce or eliminate the generation, disposal, and release of pollutants at joint service installations. The P2 Technical Library is an excellent source of the lessons learned and success stories throughout the joint services, and is useful for researching pollution prevention opportunities during P2 plan development and other projects.

The Joint Service P2 Technical Library currently consists of the:

♦ Joint Service P2 Opportunity Handbook

The P2 Opportunity Handbook is a tool for sharing pollution prevention information throughout the joint services. The purpose is to inform each service about P2 efforts that are being investigated and adopted throughout the services and to minimize duplicated efforts by sharing their lessons learned. This resource identifies available "off-the-shelf" P2 technologies, management practices, and process changes that reduce or eliminate the amount of hazardous and solid waste being generated at joint service facilities. The management practices and technologies in the P2 Opportunity Handbook are divided into sections by subject area and are presented in the form of technical data sheets. Currently the P2 Opportunity Handbook subject areas include: Solvent Substitution; Ozone Depleting Substances; Electroplating and Bath-life Extension; Painting Processes; Paint Removal Technologies; Wastewater Management & Reuse; Stormwater Management; Petroleum, Oil, and Lubricants Recycling and Reuse; Hazardous Material & Hazardous Waste Management; Pre-Production Equipment; Solid Waste Management; and Air Pollution Issues.

◆ Navy's P2 Equipment Book

This is a valuable resource for identifying commercially available P2 technologies already being purchased and evaluated through the Navy's P2 Equipment Procurement Program. In it you will find equipment summaries containing detailed information on equipment characteristics, implementation requirements, benefits, associated costs, and points of contact for further assistance. The equipment is specified and procured under two complementary initiatives, the *Preproduction Initiative* (i.e. technology demonstration) and the *Competitive Procurement Initiative*. All of the equipment presented in the P2 Equipment Book has been procured and is being tested and used at Naval facilities. This resource is also available to, and in some cases is being used by the other services as well. The P2 Equipment Book provides information on more than 100 pieces of equipment.

◆ DLA's Environmental Products Catalog

DLA's Environmental Products Catalog, is maintained by the Defense Supply Center Richmond. This is a user-friendly publication which clearly suggests alternatives to previously used products or processes. These alternatives may be less toxic, non-ozone depleting, or promote recycling and waste minimization. The catalog has an extensive 'Points of Contact' section for customers requesting additional information. There is also an on-line catalog that provides a quick listing of available products and allows on-line orders to be placed.

◆ Joint Group on Acquisition Pollution Prevention (JG-APP)

JG-APP was established to overcome duplication of efforts in changing military specifications/standards, budget constraints for pollution prevention, and to establish common test protocol acceptance of alternatives. Their objectives are:

- Reduce or eliminate hazardous materials
- Foster joint services cooperation
- Provide single interface to weapon systems program managers
- Provide a bridge to the Sustainment Community

The P2 Technical Library has recently added a *Shop's Directory* that is an easy way to cross reference the information in the Library according to the different activities being done in the various shops throughout the joint service community. The Shop's Directory is broken down by:

- Service,
- Primary installations responsible for maintenance and repair for each service,
- Shops within each installation,
- and the activities being done within each Shop.

Once the user decides which shop they are interested in, they can click on the activity within that shop and get a list of the related data sheets and applicable equipment. Another recent addition is the *NSN Section*. This section was added to each applicable data sheet and lists the appropriate National Stock Numbers (NSNs) for the products and/or equipment mentioned in each data sheet. This section will also allow users to access the Material Safety Data Sheets (MSDSs) for each NSN (*this feature is only available for the P2 Opportunity Handbook*).

You can access the Joint Service P2 Technical Library via our homepage at <http://enviro.nfesc.navy.mil/p2library> or as software. The software, which is written in Adobe Acrobat®, is distributed on CD-ROM through our distribution list or at various P2 conferences, and can also be downloaded from our homepage. The software allows you to search, print, or read the information in the Library in its entirety. The software is updated annually as NFESC, AFCEE, AEC, HQMC, DLA, JG-APP and other technical agencies continue to investigate and develop new hazardous waste and solid waste management practices and technologies. For further information about the P2 Technical Library, or to be placed on the distribution list for future copies, please contact Mr. Larry Hill at lhill@nfesc.navy.mil.